Abstract

An electronic camera can be reprogrammed, recalibrated or optimized for a given application or environment by a remote expert who does not have to be present locally. The camera requires a bi-directional data path to the expert, preferably using the internet, for writing parameters into the camera's program memory and for reading its acquired images. The remote expert must be capable of presenting selected visual stimuli to the camera, which are presented by a suitable image presentation device to the camera, under remote control by the expert. Thanks to the invention, a recalibration of the camera is more simple, faster, at lower costs and independent of the location of the camera user.